

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PA 5322 PCT/INT	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/GB2004/004949	International filing date (day/month/year) 25/11/2004	(Earliest) Priority Date (day/month/year) 25/11/2003	
Applicant PETROTECHNIK LIMITED			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 2



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

PCT/GB2004/004949

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A fitting (22) for providing a substantially fluid-tight seal between an opening in a chamber wall (10) and a pipe passing through said opening, said fitting (22) comprising: a first portion (31) adapted to extend through the opening in the chamber wall and; a second portion (32) adapted to form a fluid-tight fit with the first portion (31), both the first portion (31) and the second portion (32) being adapted to allow the pipe to pass therethrough; characterized in that the first portion (31) is formed from a material adapted to bond to a fiber reinforced plastics material and that the second portion (32) is formed from an electrofusible polymeric plastics material.

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International Application No.

PCT/GB2004/004949

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16L5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/029710 A (PETROTECHNIK LIMITED; BOUDRY, JOHN, ALEXANDRE; WISE, CHRISTOPHER, RICH) 10 April 2003 (2003-04-10) page 10, line 6 - page 13, line 8 claims 1,4 figure 2	1-19
A	EP 1 038 140 B (PETROTECHNIK LIMITED) 2 July 2003 (2003-07-02) paragraphs '0001!', '0011!', '0013! - '0019!', '0035! - '0039!', '0055!', '0059! claims 1-8,11,12,16 figure 2	1-19

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

10/03/2005

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International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/031640 A (PETRO TECHNIK LIMITED; WISE, CHRISTOPHER, RICHARD) 15 April 2004 (2004-04-15) the whole document -----	1-19
P, X	WO 2004/079245 A (PETRO TECHNIK LIMITED; WISE, CHRISTOPHER, RICHARD; COOK, MARK; OWENS,) 16 September 2004 (2004-09-16) the whole document -----	1-19

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Information on patent family members

International Application No

PCT/GB2004/004949

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03029710	A	10-04-2003	EP 1432940 A1	30-06-2004
			WO 03029710 A1	10-04-2003
			GB 2383827 A ,B	09-07-2003
			US 2005029802 A1	10-02-2005
EP 1038140	B	27-09-2000	AT 244376 T	15-07-2003
			AU 1496899 A	28-06-1999
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			DE 69816120 T2	22-04-2004
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			GB 2332255 A ,B	16-06-1999
			PT 1038140 T	28-11-2003
			US 2004189004 A1	30-09-2004
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			GB 2395242 A	19-05-2004
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